

### **REMARKS**

Applicant recognizes with appreciation that Examiner has indicated that Claims 1 – 9 would be allowable if the rejection under 35 U.S.C. 112, second paragraph can be overcome.

In this Amendment, Applicant has amended Claims 1 and 4. Claims 1 and 4 have been amended to overcome the rejections and further specify the embodiments of the present invention. It is respectfully submitted that no new matter has been introduced by the amended claims. All claims are now present for examination and favorable reconsideration is respectfully requested in view of the preceding amendments and the following comments.

#### **CLAIM OBJECTION:**

Claims 1 and 4 have been objected to because certain informalities.

It is respectfully submitted that the objection has been overcome by the present amendment. More specifically, the term “RACH” in Claims 1 and 4 has been replaced with the full name “Random Access Channel”. Therefore the informality has been corrected. Accordingly, withdrawal of the objection is respectfully requested.

#### **REJECTIONS UNDER 35 U.S.C. § 112 SECOND PARAGRAPH:**

Claims 1 – 9 have been rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

It is respectfully submitted that the rejections have been overcome by this amendment. More specifically, in Claim 1, “a first adding unit for adding a plurality of multiplication results outputted from said first multiplying unit at specific intervals” has

been amended to “a first adding unit for adding at specific intervals a plurality of multiplication results outputted from said first multiplying unit.” Similarly, in Claim 4, “a first adding unit adding a plurality of multiplication results of the in-phase component ... ” has been amended to “a first adding unit adding at specific intervals a plurality of multiplication results of the in-phase component ...” The scopes of Claims 1 and 4 are clearly pointed out and defined after the amendment. Claims 2 – 3 and 5 – 9 also include these features due to their dependence in Claims 1 and 4.


Therefore, the rejection under 35 U.S.C. § 112, second paragraph, has been overcome. Accordingly, withdrawal of the rejections under 35 U.S.C. § 112, second paragraph, is respectfully requested.

Having overcome all outstanding grounds of rejection, the application is now in condition for allowance, and prompt action toward that end is respectfully solicited.

Respectfully submitted,

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